

#01_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6

DUT: 291814

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121114 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.946$ mho/m; $\epsilon_r = 51.582$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (171x241x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 2.39 mW/g

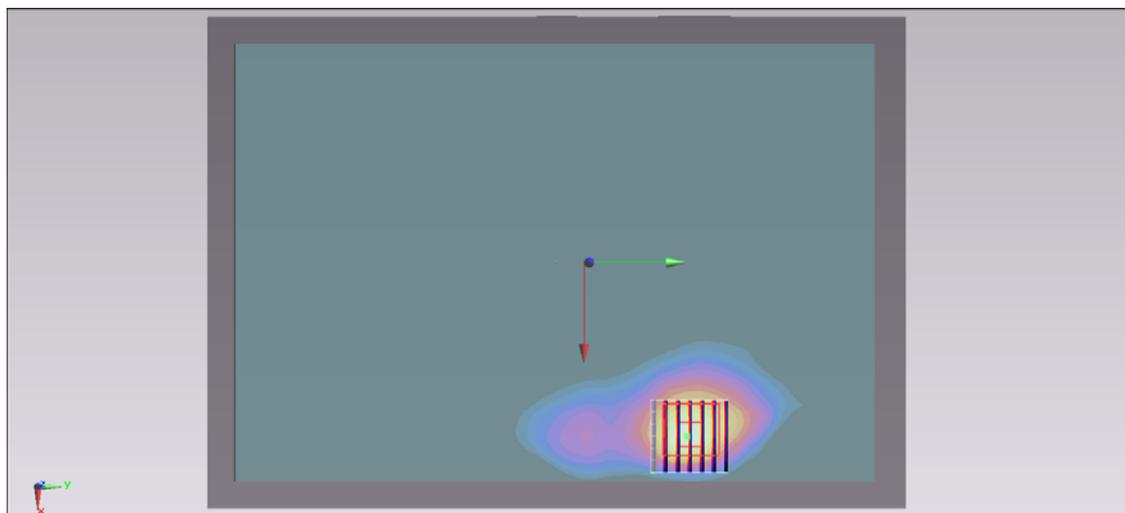
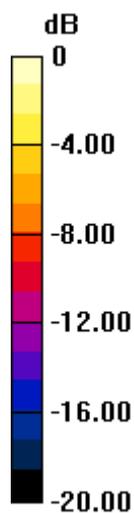
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.378 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.964 mW/g

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.539 mW/g

Maximum value of SAR (measured) = 2.12 mW/g



0 dB = 2.12 mW/g = 6.53 dB mW/g

#02_WLAN2.4G_802.11b_Bottom Face_0cm_Ch1

DUT: 291814

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121114 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.914$ mho/m; $\epsilon_r = 51.666$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1/Area Scan (81x241x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 2.24 mW/g

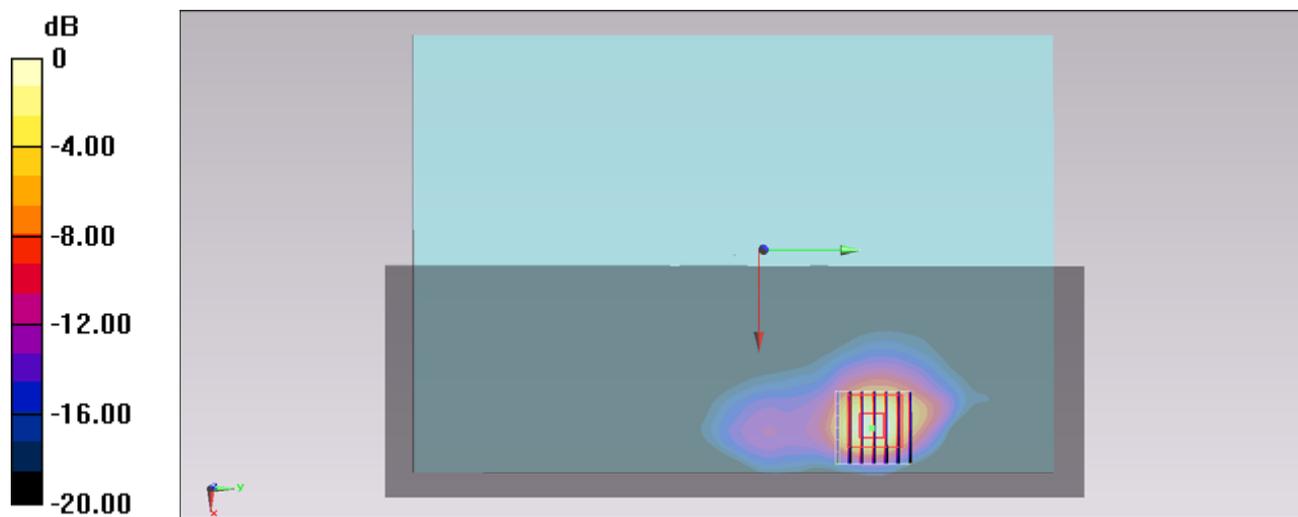
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.938 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.675 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 1.92 mW/g



0 dB = 1.92 mW/g = 5.67 dB mW/g

#03_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11

DUT: 291814

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121114 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.981$ mho/m; $\epsilon_r = 51.494$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (81x241x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 2.44 mW/g

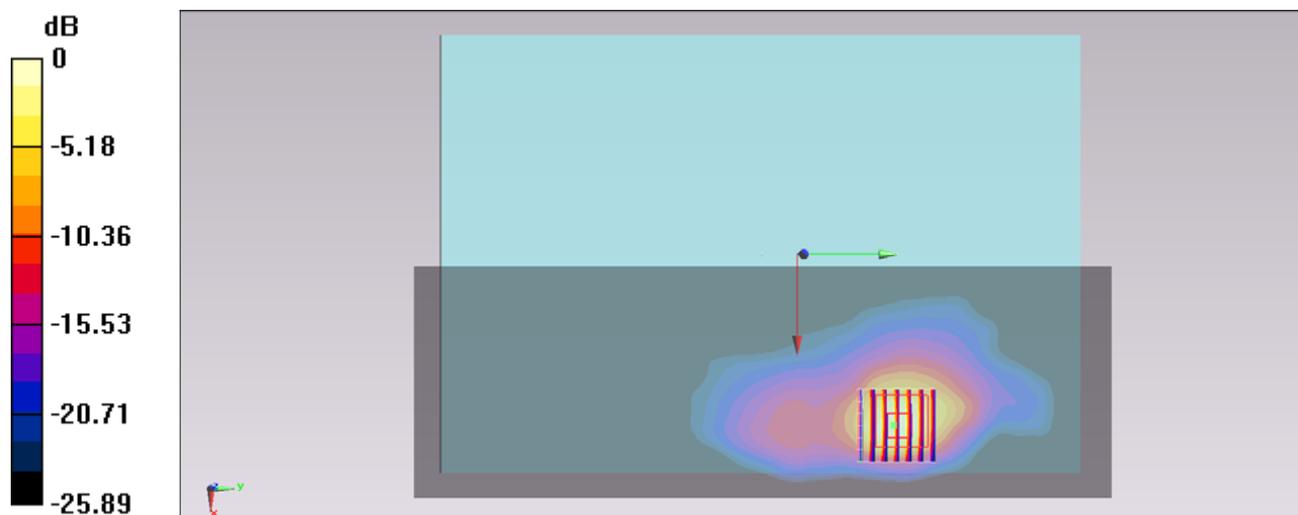
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.860 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.049 mW/g

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 2.10 mW/g



0 dB = 2.10 mW/g = 6.44 dB mW/g

#03_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_2D

DUT: 291814

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121114 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.981$ mho/m; $\epsilon_r = 51.494$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (81x241x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 2.44 mW/g

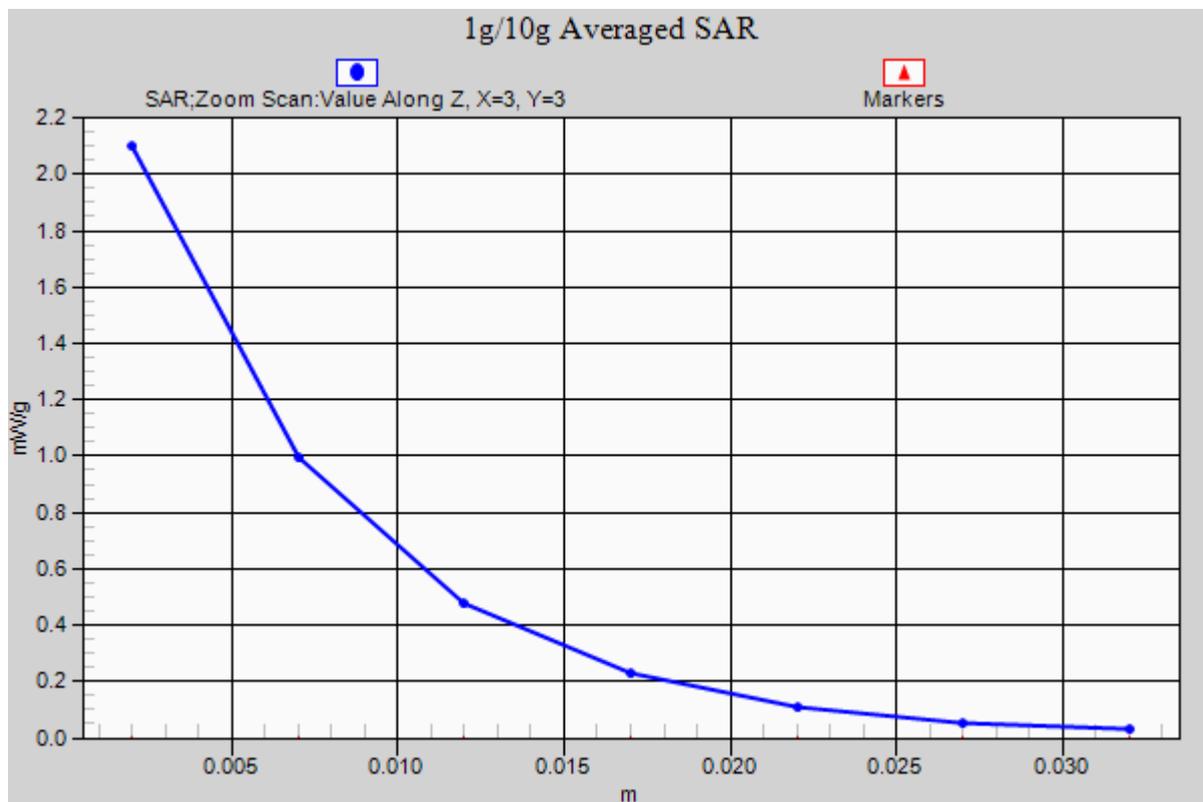
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.860 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.049 mW/g

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 2.10 mW/g



#04_WLAN2.4G_802.11b_Edge1_0cm_Ch6

DUT: 291814

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121114 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.946$ mho/m; $\epsilon_r = 51.582$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (41x241x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.273 mW/g

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.632 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.324 mW/g

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.258 mW/g

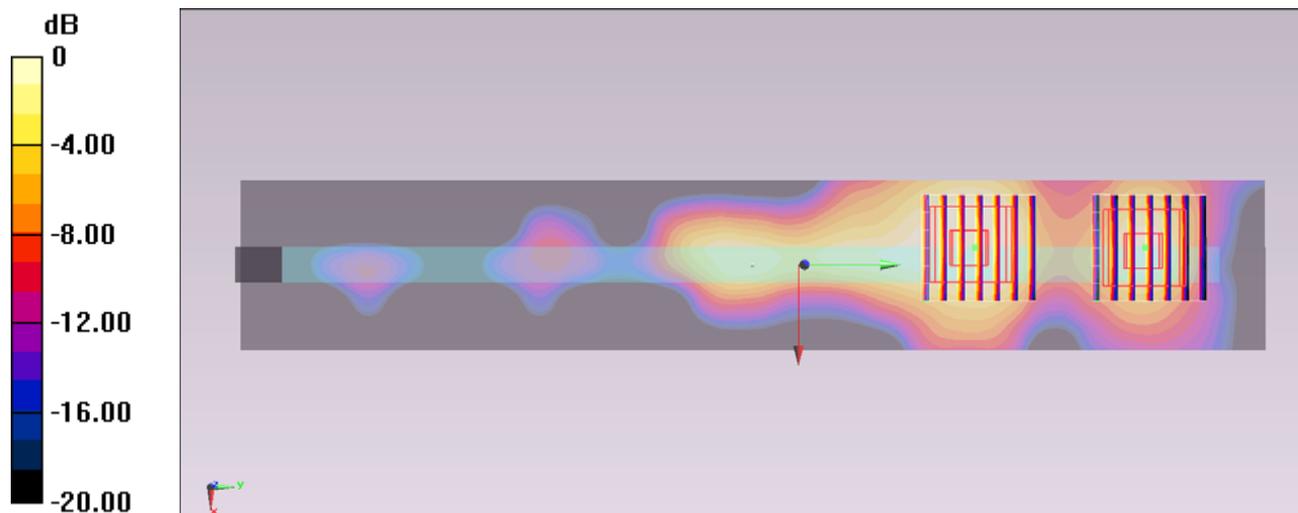
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.632 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.252 mW/g

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195 mW/g = -14.2 dB mW/g

#23_WLAN5G_802.11a_Bottom Face_0cm_Ch36

DUT: 291814

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.208$ mho/m; $\epsilon_r = 47.501$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21. °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.73 mW/g

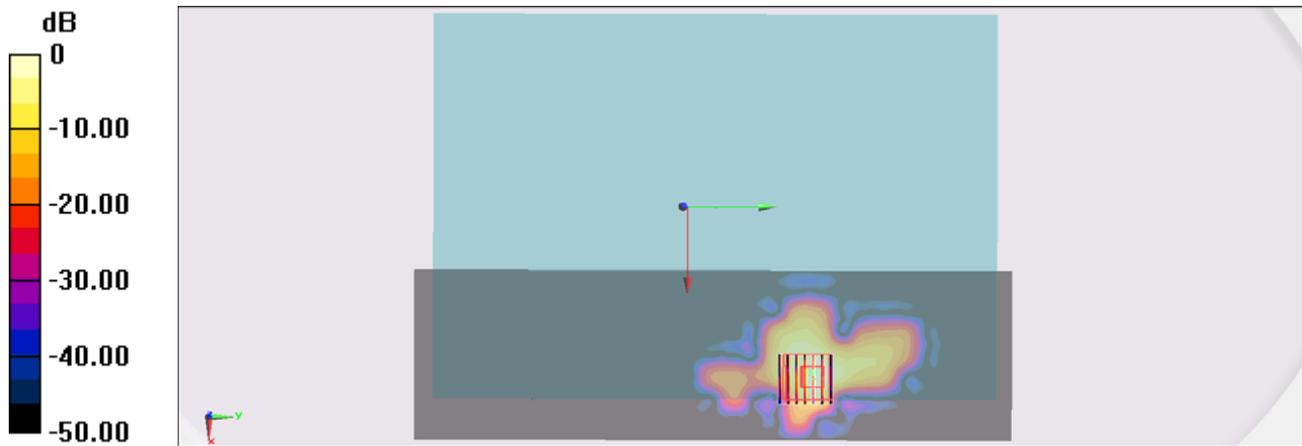
Configuration/Ch36/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 18.539 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.058 mW/g

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 1.77 mW/g



0 dB = 1.77 mW/g = 4.96 dB mW/g

#23_WLAN5G_802.11a_Bottom Face_0cm_Ch36_2D

DUT: 291814

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.208$ mho/m; $\epsilon_r = 47.501$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21. °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.73 mW/g

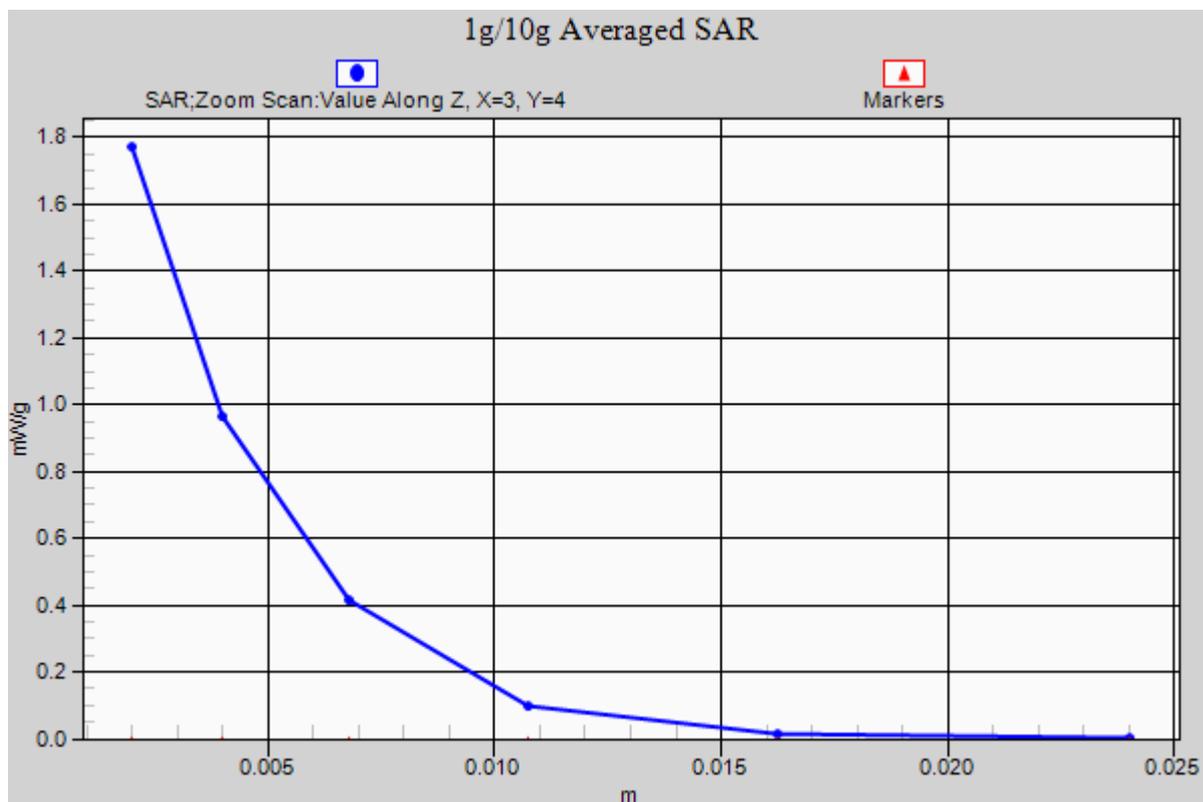
Configuration/Ch36/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 18.539 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.058 mW/g

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 1.77 mW/g



#24_WLAN5G_802.11a_Edge1_0cm_Ch36

DUT: 291814

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.208$ mho/m; $\epsilon_r = 47.501$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21. °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (41x281x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.875 mW/g

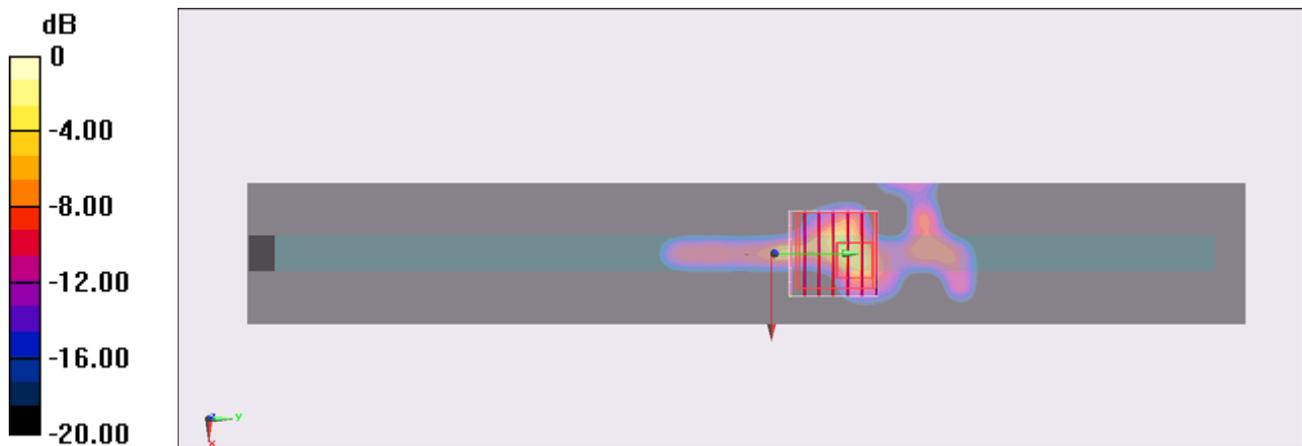
Configuration/Ch36/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.768 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 1.820 mW/g

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 1.82 mW/g



0 dB = 1.82 mW/g = 5.20 dB mW/g

#25_WLAN5G_802.11a_Bottom Face_0cm_Ch52

DUT: 291814

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.329$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21. °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.63 mW/g

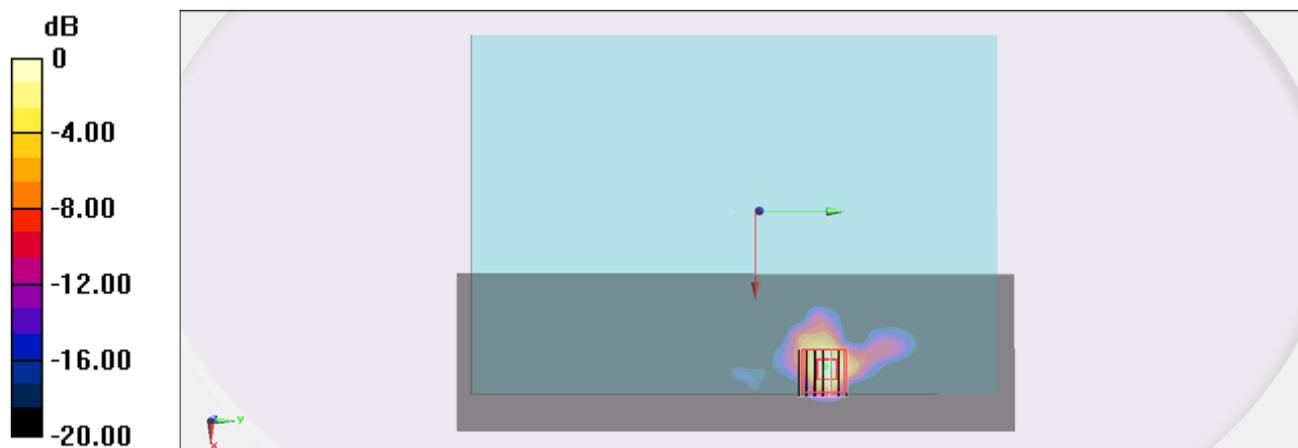
Configuration/Ch52/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 18.375 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.851 mW/g

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 1.63 mW/g



0 dB = 1.63 mW/g = 4.24 dB mW/g

#27_WLAN5G_802.11n-HT40_Bottom Face_0cm_Ch54

DUT: 291814

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5270$ MHz; $\sigma = 5.319$ mho/m; $\epsilon_r = 47.308$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : $21.$ °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch54/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.23 mW/g

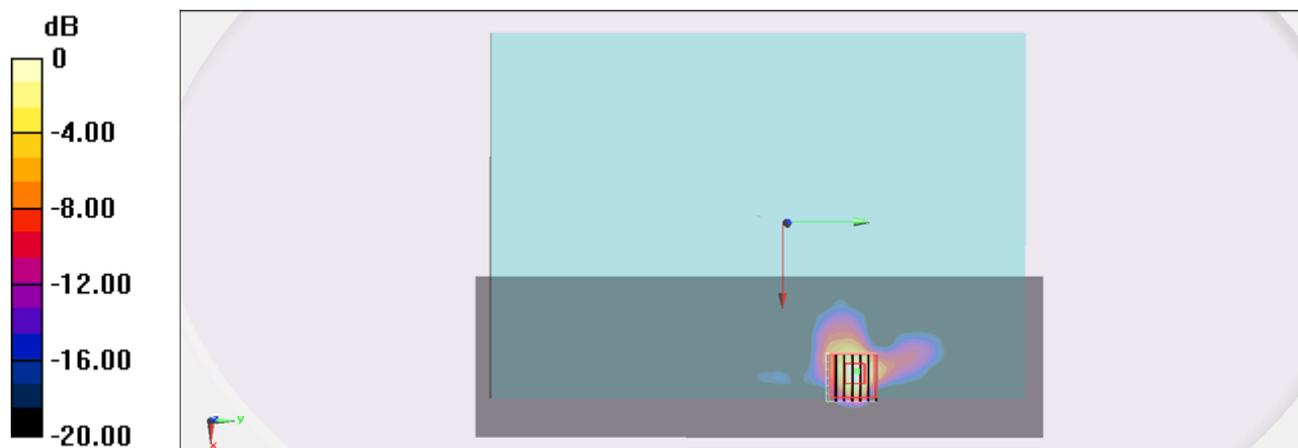
Configuration/Ch54/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.069 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.556 mW/g

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 2.01 mW/g



0 dB = 2.01 mW/g = 6.06 dB mW/g

#28_WLAN5G_802.11n-HT40_Bottom Face_0cm_Ch62

DUT: 291814

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.385$ mho/m; $\epsilon_r = 47.238$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch62/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.93 W/kg

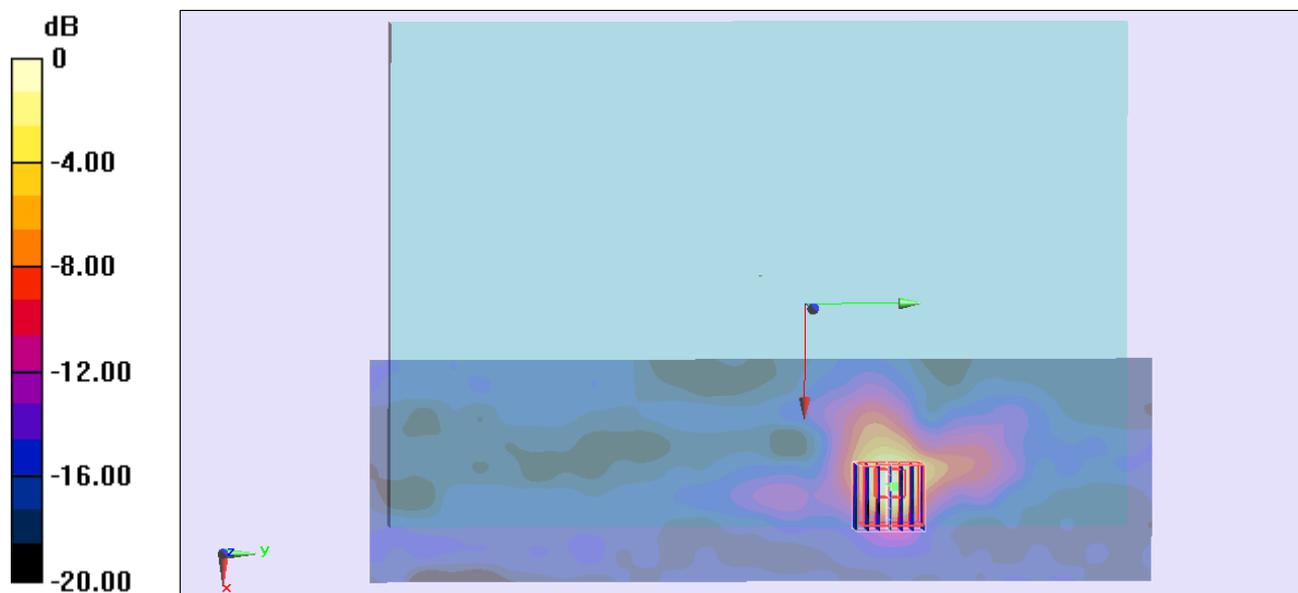
Configuration/Ch62/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.518 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

#28_WLAN5G_802.11n-HT40_Bottom Face_0cm_Ch62_2D

DUT: 291814

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.385$ mho/m; $\epsilon_r = 47.238$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch62/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.93 W/kg

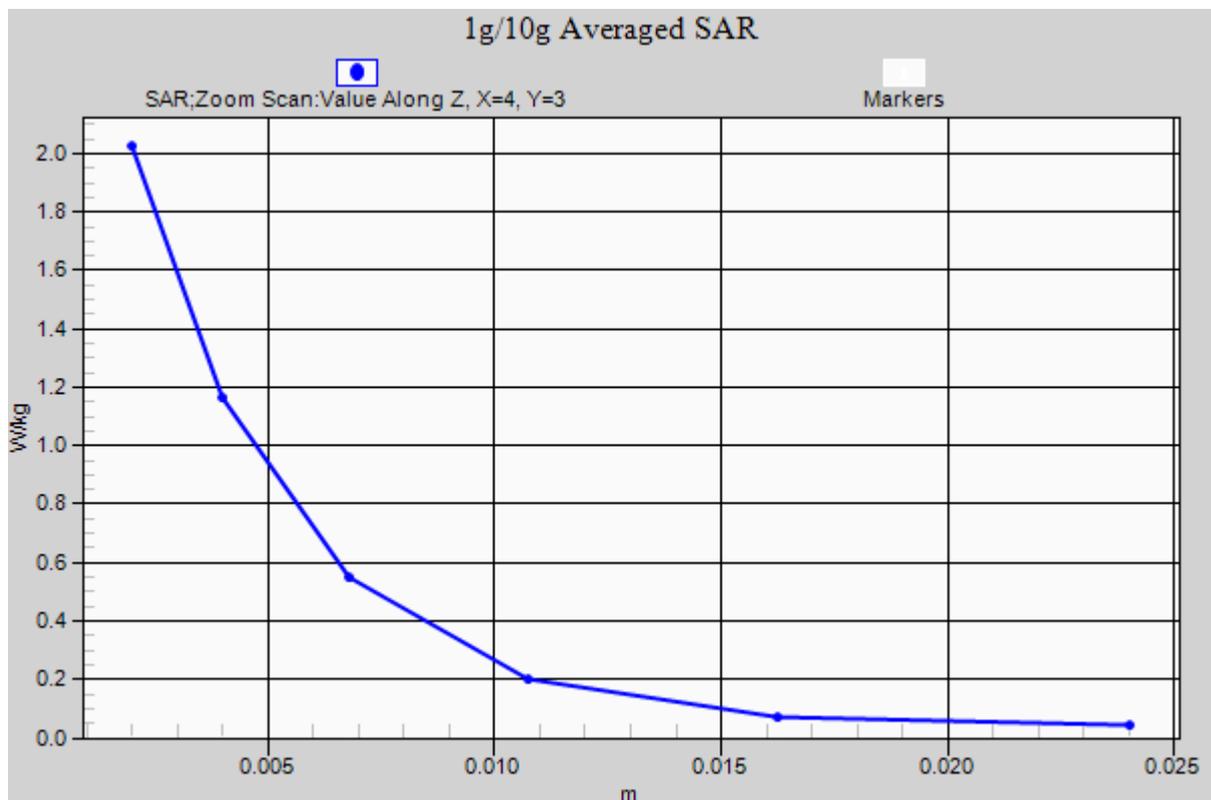
Configuration/Ch62/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.518 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 2.03 W/kg



#26_WLAN5G_802.11a_Edge1_0cm_Ch52

DUT: 291814

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.329$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21. °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.952 mW/g

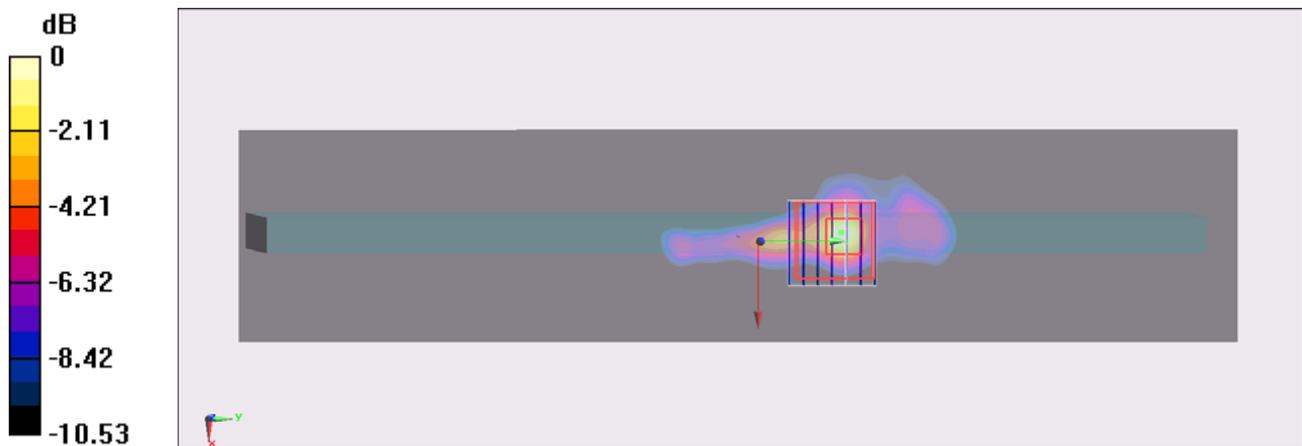
Configuration/Ch52/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.497 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 2.393 mW/g

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02 mW/g = 0.17 dB mW/g

#29_WLAN5G_802.11a_Bottom Face_0cm_Ch100

DUT: 291814

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121129 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.516$ mho/m; $\epsilon_r = 47.024$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch100/Area Scan (81x281x1): Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.83 W/kg

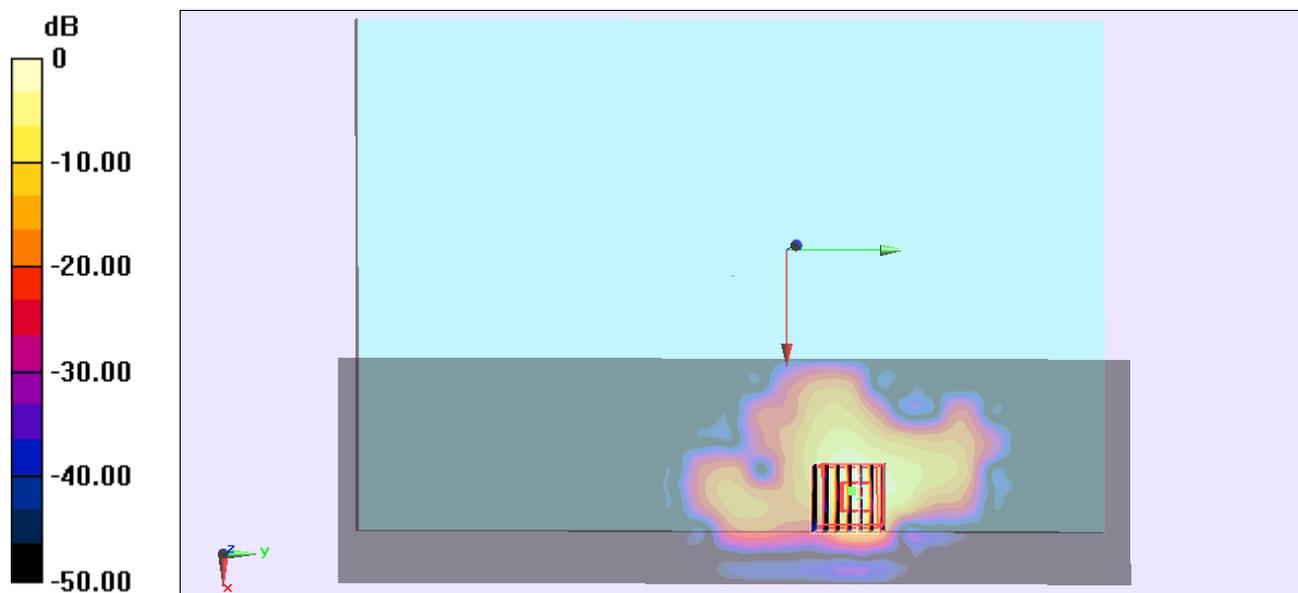
Configuration/Ch100/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 24.243 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.51 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 3.03 W/kg



0 dB = 3.03 W/kg = 4.81 dBW/kg

#30_WLAN5G_802.11a_Bottom Face_0cm_Ch112

DUT: 291814

Communication System: 802.11a; Frequency: 5560 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121129 Medium parameters used: $f = 5560$ MHz; $\sigma = 5.604$ mho/m; $\epsilon_r = 46.929$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch112/Area Scan (81x281x1): Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.88 W/kg

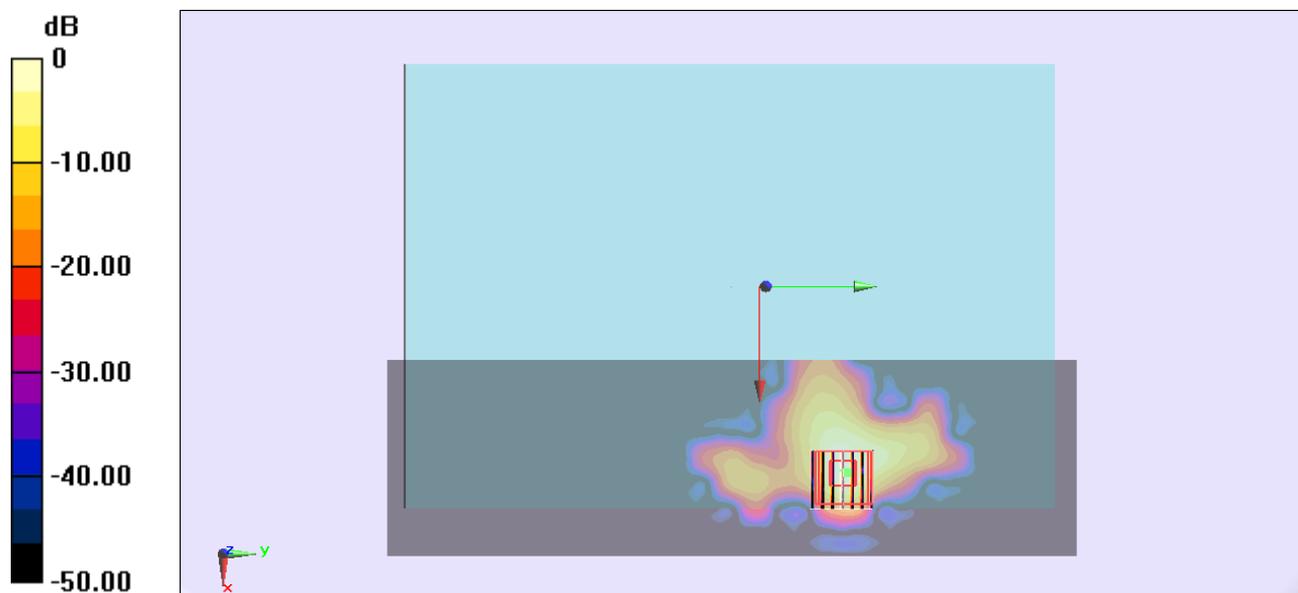
Configuration/Ch112/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 25.669 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.12 W/kg

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 2.87 W/kg



0 dB = 2.87 W/kg = 4.58 dBW/kg

#31_WLAN5G_802.11a_Bottom Face_0cm_Ch132

DUT: 291814

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121129 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.764$ mho/m; $\epsilon_r = 46.738$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch132/Area Scan (81x281x1): Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.65 W/kg

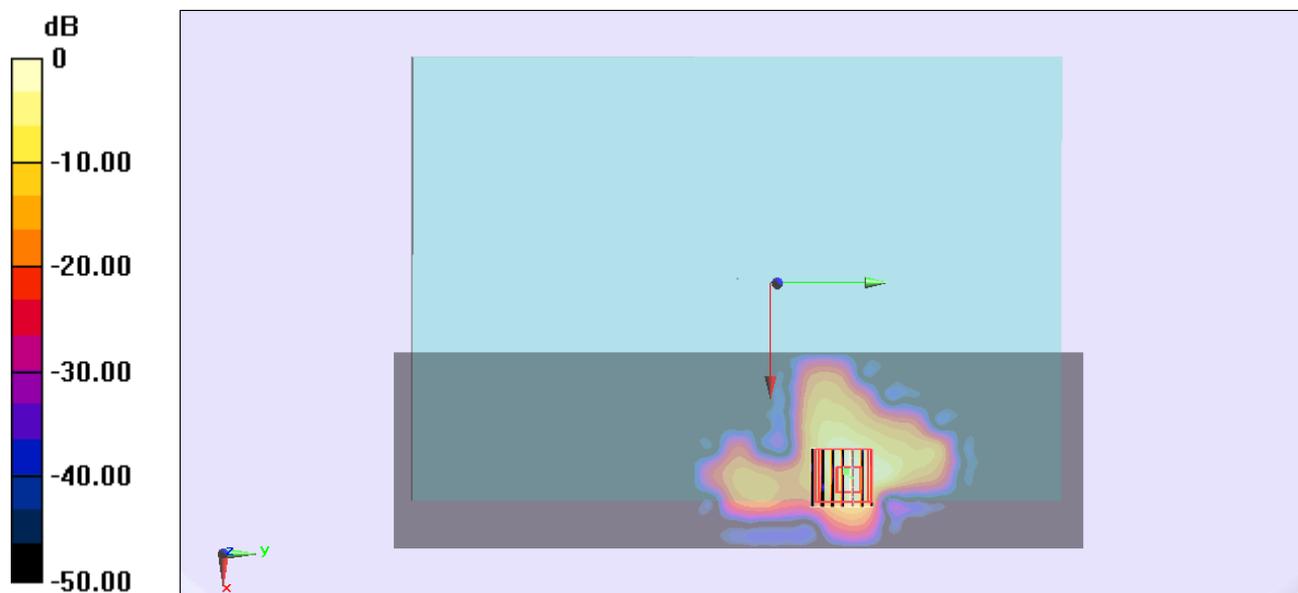
Configuration/Ch132/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.903 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.01 W/kg

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 3.12 W/kg



0 dB = 3.12 W/kg = 4.94 dBW/kg

#31_WLAN5G_802.11a_Bottom Face_0cm_Ch132_2D

DUT: 291814

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121129 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.764$ mho/m; $\epsilon_r = 46.738$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch132/Area Scan (81x281x1): Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.65 W/kg

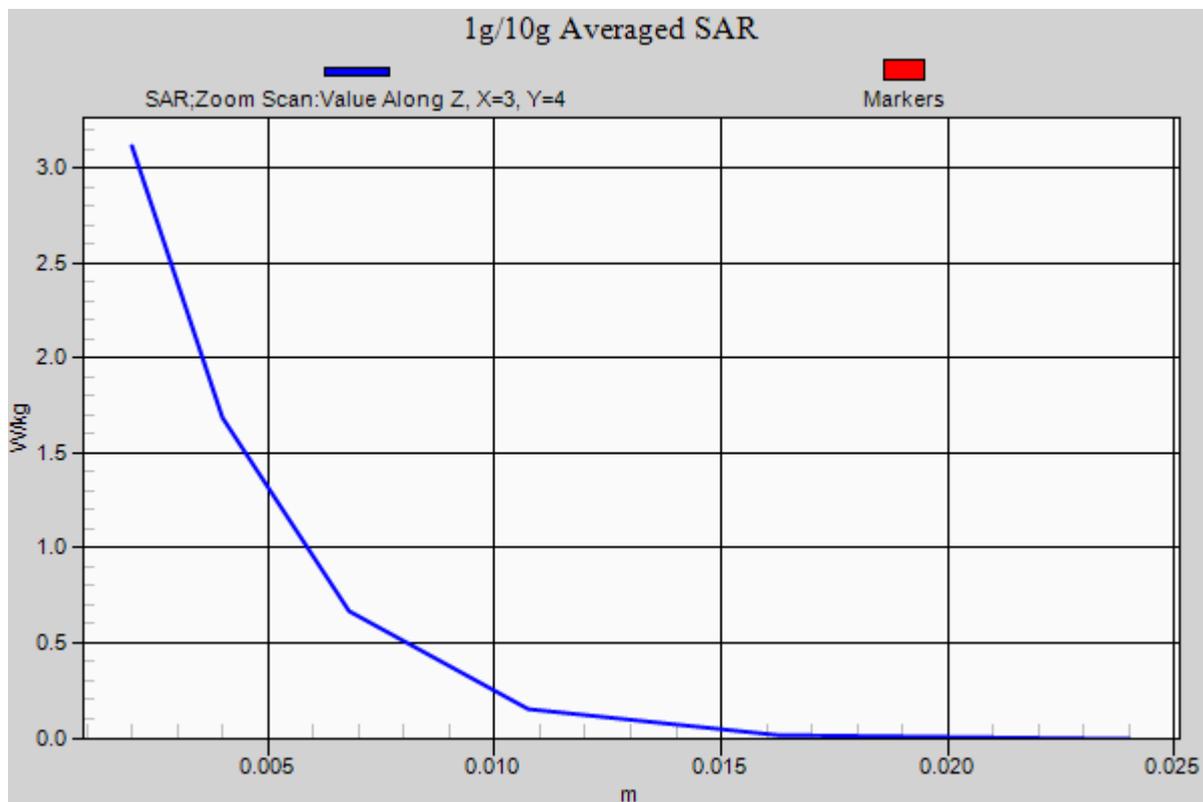
Configuration/Ch132/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 21.903 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.01 W/kg

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 3.12 W/kg



#32_WLAN5G_802.11a_Edge1_0cm_Ch100

DUT: 291814

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121129 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.516$ mho/m; $\epsilon_r = 47.024$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch100/Area Scan (61x281x1): Measurement grid: dx=10 mm, dy=10 mm
 Maximum value of SAR (interpolated) = 1.33 W/kg

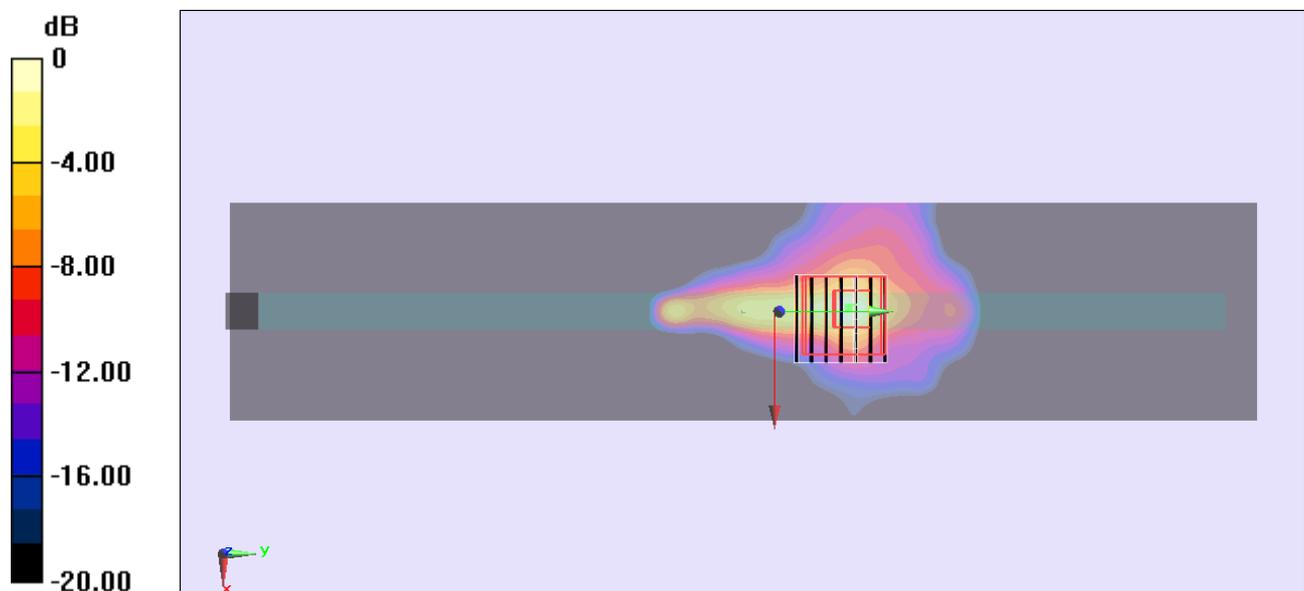
Configuration/Ch100/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.364 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

#21_WLAN5G_802.11a_Bottom Face_0cm_Ch165

DUT: 291814

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.193$ mho/m; $\epsilon_r = 46.405$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.07 mW/g

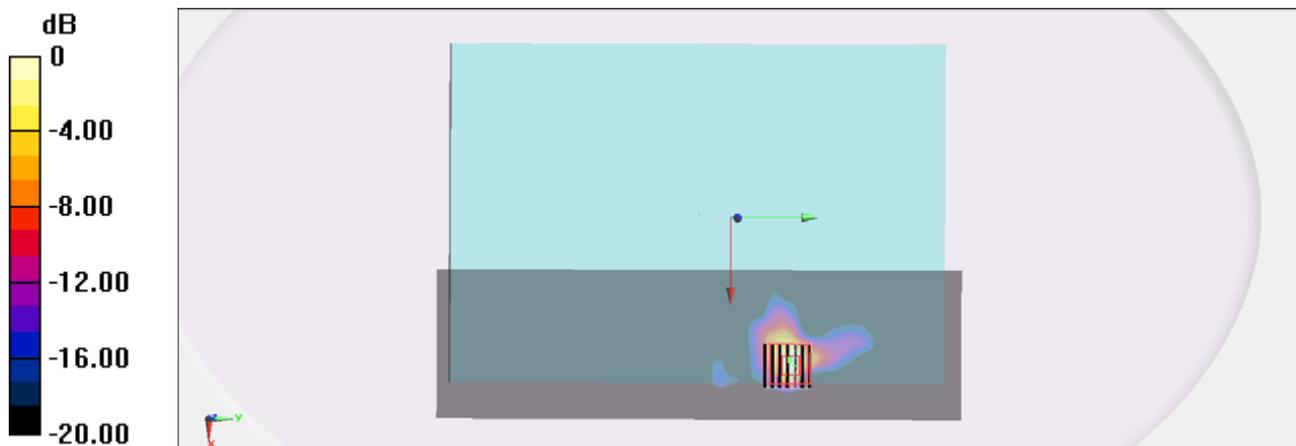
Configuration/Ch165/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.726 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.349 mW/g

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 1.92 mW/g



0 dB = 1.92 mW/g = 5.67 dB mW/g

#21_WLAN5G_802.11a_Bottom Face_0cm_Ch165_2D

DUT: 291814

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.193$ mho/m; $\epsilon_r = 46.405$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.07 mW/g

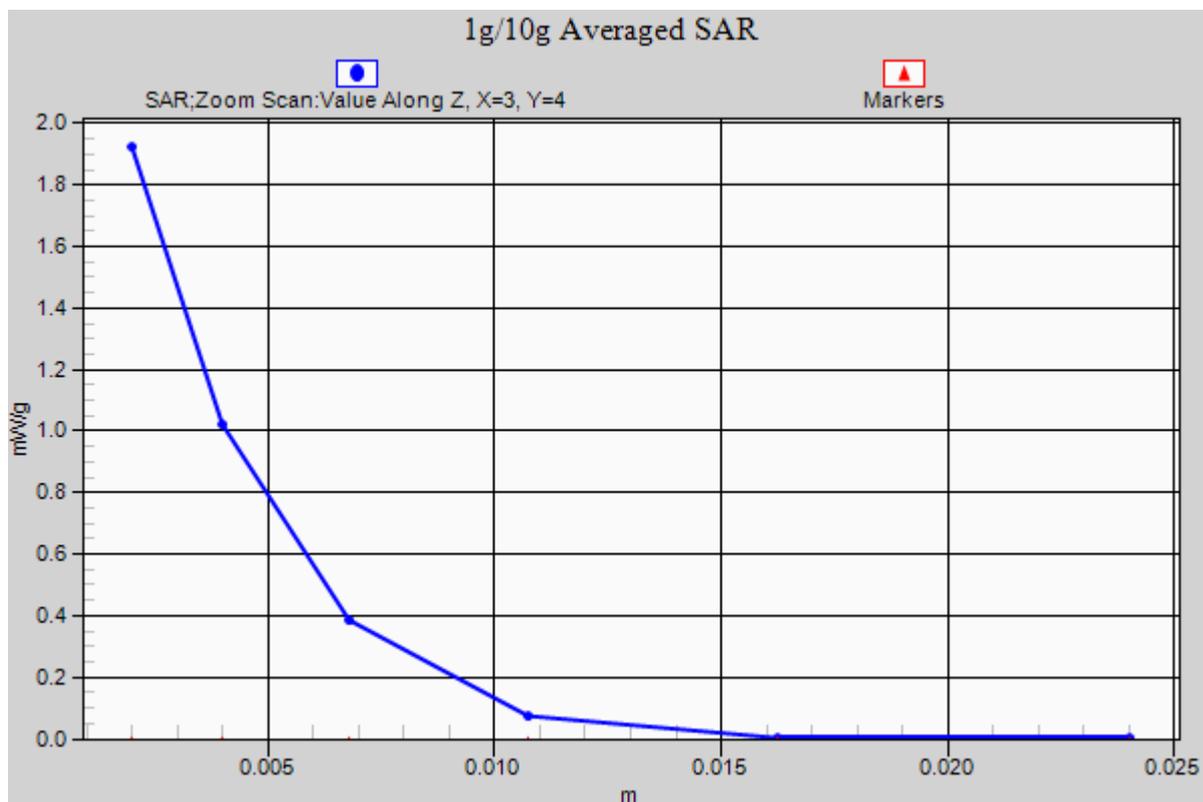
Configuration/Ch165/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.726 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.349 mW/g

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 1.92 mW/g



#22_WLAN5G_802.11a_Edge1_0cm_Ch165

DUT: 291814

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121121 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.193$ mho/m; $\epsilon_r = 46.405$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (41x281x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.78 mW/g

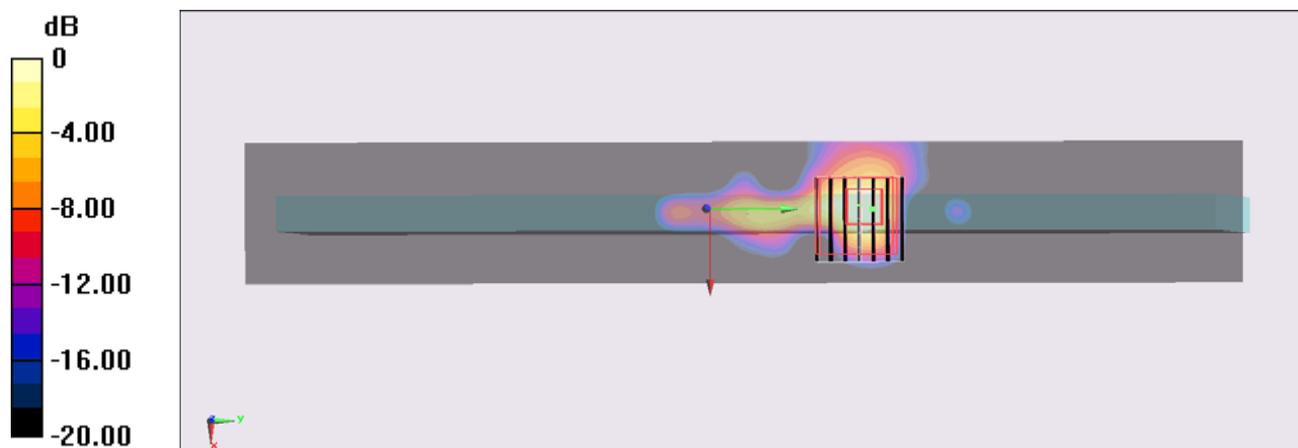
Configuration/Ch165/Zoom Scan (7x7x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.913 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 6.232 mW/g

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36 mW/g = 2.67 dB mW/g